

## SEQUENCE LISTING

&lt;110&gt; Holloway, James L.

<120> Zcys9: A member of the cystatin  
superfamily

&lt;130&gt; 00-57

&lt;160&gt; 4

&lt;170&gt; FastSEQ for Windows Version 3.0

&lt;210&gt; 1

&lt;211&gt; 396

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; CDS

&lt;222&gt; (1)...(396)

&lt;400&gt; 1

atg ggc agg ctt agc aac tgc ttc tgc tct tca gga act ggc tca cca	48
Met Gly Arg Leu Ser Asn Cys Phe Cys Ser Ser Gly Thr Gly Ser Pro	
1                      5                      10                      15	

gag gtc tca gag att tct ttt tcc ctg gtg agc ctt aca tgc act ata	96
Glu Val Ser Glu Ile Ser Phe Ser Leu Val Ser Leu Thr Cys Thr Ile	
20                      25                      30	

att cgt aga cat cag tat ttt gtg gca tca atg gag ttt gct gtg gct	144
Ile Arg Arg His Gln Tyr Phe Val Ala Ser Met Glu Phe Ala Val Ala	
35                      40                      45	

cag ttc aat gag gac aat atg gaa gag tac acg cac agg cct att tat	192
Gln Phe Asn Glu Asp Asn Met Glu Glu Tyr Thr His Arg Pro Ile Tyr	
50                      55                      60	

atg aca tgc aca tgg cag cct ttt atc cac ttt cct att tgt ttc tat	240
Met Thr Cys Thr Trp Gln Pro Phe Ile His Phe Pro Ile Cys Phe Tyr	
65                      70                      75                      80	

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ttg gag atg ggc ctc aca att tgt aaa aaa tat gat gaa gac att gac 288  
 Leu Glu Met Gly Leu Thr Ile Cys Lys Lys Tyr Asp Glu Asp Ile Asp  
                   85                  90                  95

aat tgc cca ttg caa gaa ggc tca gca gag aaa aag gta tac tgc aca 336  
 Asn Cys Pro Leu Gln Glu Gly Ser Ala Glu Lys Lys Val Tyr Cys Thr  
                   100                  105                  110

ttt gtc atg gat gcc cga cct tgg ttt tcc cag ttc aac ctc cta aac 384  
 Phe Val Met Asp Ala Arg Pro Trp Phe Ser Gln Phe Asn Leu Leu Asn  
                   115                  120                  125

atc acc tgt aat 396  
 Ile Thr Cys Asn  
                   130

<210> 2  
 <211> 132  
 <212> PRT  
 <213> Homo sapiens

<400> 2

Met Gly Arg Leu Ser Asn Cys Phe Cys Ser Ser Gly Thr Gly Ser Pro  
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 Glu Val Ser Glu Ile Ser Phe Ser Leu Val Ser Leu Thr Cys Thr Ile  
                   20                  25                  30  
 Ile Arg Arg His Gln Tyr Phe Val Ala Ser Met Glu Phe Ala Val Ala  
                   35                  40                  45  
 Gln Phe Asn Glu Asp Asn Met Glu Glu Tyr Thr His Arg Pro Ile Tyr  
   50                  55                  60  
 Met Thr Cys Thr Trp Gln Pro Phe Ile His Phe Pro Ile Cys Phe Tyr  
   65                  70                  75                  80  
 Leu Glu Met Gly Leu Thr Ile Cys Lys Lys Tyr Asp Glu Asp Ile Asp  
                   85                  90                  95  
 Asn Cys Pro Leu Gln Glu Gly Ser Ala Glu Lys Lys Val Tyr Cys Thr  
                   100                  105                  110  
 Phe Val Met Asp Ala Arg Pro Trp Phe Ser Gln Phe Asn Leu Leu Asn  
                   115                  120                  125  
 Ile Thr Cys Asn  
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<210> 3

09921180.050201

<211> 396  
 <212> DNA  
 <213> Artificial Sequence

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<221> misc\_feature  
 <222> (1)...(396)  
 <223> n = A,T,C or G

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gcnwsnatgg arttygcngt ngcncartty aaygargaya ayatggarga rtayacncay	180
mgncnathat ayatgacntg yacntggcar ccnttyathc aytttyccnat htgyttytay	240
ytngaratgg gnytnacnat htgyaaraar taygaygarg ayathgayaa ytgycnnytn	300
cargarggnw sngcngaraa raargntay tgyacnttyg tnatggaygc nmgnccntgg	360
ttysncart tyaaaytnyt naayathacn tgyaay	396

<210> 4  
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 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Peptide linker.

<400> 4

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